

FY2011 Appropriations Request Form

Office of Congresswoman Jackie Speier
211 Cannon House Office Building
Washington, D.C. 20515
Phone: 202/225-3531
Fax: 202/226-4183
Website: www.speier.house.gov

Individuals/Organizations must respond to all questions on the form. Incomplete proposals will not be considered.

All appropriations project requests will be presented to and evaluated by the 12th Congressional District's Citizens Oversight Panel, made up of community leaders. **This year's panel meetings will be held on February 26, March 5 and March 12, 2010 in the 12th Congressional District.** Appointments to appear before the panel must be made through Cookab Hashemi, Chief of Staff, at 202/225-3531 or via email, Cookab.Hashemi@mail.house.gov.

IMPORTANT NOTE: All information provided on this form and any supporting documents will be made available to the public on the Congresswoman's website.

DEADLINE: Forms are due by **Friday, February 12, 2010**
@ 6:00 p.m. (P.S.T.)/9:00 p.m. (E.S.T.). Project requests submitted after that date will not be considered.

Date Submitted: February 12, 2010

Project Name: UCSF Graduate Student Research Fellowships

Individual/Organization: University of California, San Francisco (UCSF)

Amount Requested: \$2.5 million

Appropriations Bill/Account/Relevant Authorization law/bill/status:
Labor HHS Education: Fund for the Improvement of Postsecondary Education (FIPSE)

For examples of applications submitted last year, please review information at <http://www.speier.house.gov> under the section "12th District". Please note that some questions in the application may have changed from last year's form. The agency and/or policy area preferences of last year's panel are not binding for this year.

Local Contact:

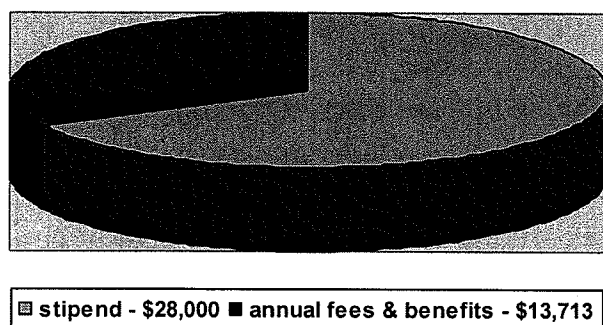
Paul Takayama, Executive Director
UCSF Community & Government Relations
3333 California Street, Suite 102
San Francisco, California 94143-0463
Ph: 415.476.3523
e-mail: ptakayama@cgr.ucsf.edu

Organization's Main Activities. Founded in 1873, the University of California, San Francisco (USF) is the only UC campus in the UC system dedicated exclusively to health sciences. Today, UCSF is a leading university dedicated to promoting health worldwide through advanced biomedical research, graduate-level education in the life sciences and health professions, and excellence in patient care. UCSF boasts high-ranking schools of dentistry, medicine, nursing and pharmacy and a Graduate Division, as well as one of the nation's top medical centers.

All four professional schools, UCSF Medical Center, UCSF Children's Hospital and virtually all UCSF graduate programs ranked among the best in the country in 2008 surveys by *U.S. News and World Report* and other agencies. According to the National Science Foundation (NSF) data for 2007, UCSF was second among all universities in the United States in total expenditures on research and development. In 2008, UCSF ranked second nationally – and first in California – in total funding from the National Institutes of Health (NIH). A 2007 report in the *Chronicle of Higher Education* ranked the “scholarly productivity” of UCSF faculty as third among all universities and research institutions worldwide.

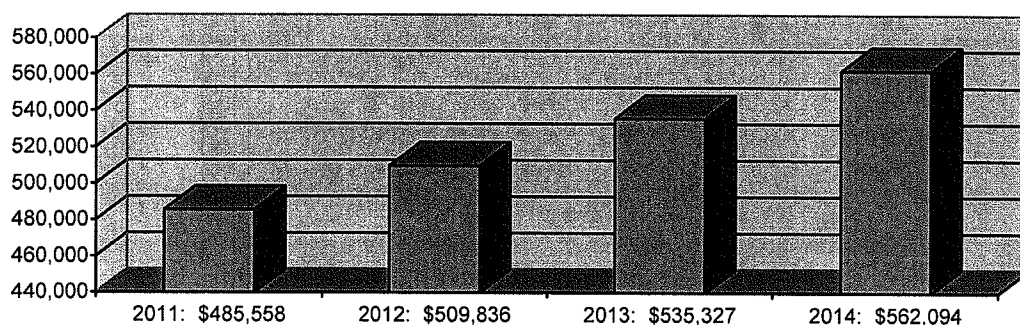
Please show main items in the project and total cost in a simplified chart form.

UCSF is requesting \$2.5 million over five years to fund approximately 10 need-based Graduate Student Research Fellowships each year



Competitive Offer for California resident at UCSF = \$41,713 per year

The cost for ten fellowships for the Fall 2010 is comprised of seven domestic fellowships at \$291,991 and three out-of-state fellowships at \$170,445, for a total of \$462,436. Assuming a 5% increase in fees, health insurance per year, the totals for the following four years would be:



Grand Total: \$2,555,251

Project Description, including a timeline, goals, expected outcomes and specific uses of Federal Funds. *(Your response must focus on the requested funds rather than the organization's mission and general activities. Please limit your response to 250 – 500 words.)*

Despite the consistent ranking of our Ph.D., graduate programs in the top ten nationally, UCSF's entering class for basic science programs in 2009 was down by

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15%. In 2009, the entering class was comprised of 124 students, as compared to 145 in 2005.

It takes approximately six years to complete a Ph.D., and to recruit the best and brightest graduate students in the sciences, a student must receive a competitive offer that covers a stipend, fees/tuition, and benefits, such as health care.

In 2010, the total cost of a competitive offer for a California resident at UCSF is approximately \$41,713 per year. (stipend = \$28,000; annual fees, including benefits, = \$13,713). Non-residents pay higher fees, so the cost increases to \$56,815 per year.

Due to increasing costs, several UCSF interdisciplinary graduate programs, such as Biomedical Sciences, Biophysics, and Pharmaceutical Sciences and Pharmacogenomics could not afford to admit a class of their normal size.

The primary reason for this decision is the unparalleled increase in graduate fees over the past several years. During FY 2005-06, annual UCSF fees, including benefits, was \$8,899. In FY 2010-11, estimated cost of fees is expected to be \$13,713

Currently, all available sources for student support which include: state funds, need-based aid, extramural fellowships, Principal Investigator grants and contracts, training grants, endowment and gifts, school funds are tapped.

There are several negative consequences of this economic reality. UCSF will begin losing the best students to our competitors - Harvard, Yale, Cornell, MIT, Rockefeller, Sloan-Kettering - private endowed institutions. These institutions also pay the students' tuition/fees in their entirety, but they have more income, and routinely charge less for students after they have qualified.

Unless increasing costs are addressed, graduate programs in emerging scientific disciplines such as stem cell biology, informatics, and bioengineering will not grow. Although the developmental/stem cell biology program grew from 0 students in 2005 to 10 students in 2009, programs in informatics and bio-engineering are holding steady, but lack the resources to expand.

As class sizes shrink, new faculty with fewer resources will be disadvantaged, and these faculty are often those at the forefront of their respective research fields.

UCSF is requesting \$2.5 million over five years to fund approximately 10 need-based Graduate Student Research Fellowships each year.

The cost for ten fellowships for the Fall 2010 is comprised of seven domestic fellowships at \$291,991 and three out-of-state fellowships at \$170,445, for a total of \$462,436. Assuming a 5% increase in fees, health insurance per year, the totals for the following four years would be: 2011: \$485,558; 2012: \$509,836; 2013: \$535,327; 2014: \$562,094; Grand Total: \$2,555,251

Recipients will be selected to maximize diversity, while targeting critical scientific disciplines such as: Bioengineering, Informatics and Drug Design; Developmental and Stem Cell Biology; Chemistry and Chemical Biology

Matching funds at 1:1 will be provided by the UCSF Graduate Division to help this goal.

The goals will be to stabilize and increase the diversity of PhD students while emphasizing emerging areas of scientific research. The outcome is to increase the number of PhD graduates through the specific mechanism of graduate fellowship awards resulting from the requested funds.

How will this project request serve to expand the capacity of your organization and how will your organization sustain this work beyond the federal funding? *(Your response must focus on the impact of the requested funds rather than the organization's long-term goals.)*

These funds will enable us to maintain our class sizes, and even grow in emerging scientific disciplines. Matching funds at 1:1 will be committed by the UCSF Graduate Division to enable further stability as well as selected growth. Recipients will be selected to maximize diversity, while targeting critical scientific disciplines such as: Bioengineering, Informatics & Drug Design; Developmental & Stem Cell Biology; Chemistry & Chemical Biology.

UCSF will sustain this work beyond the five-year period of federal funding as the campus, under our new Chancellor, recommits itself in several ways to education

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as one of its top priorities. This will occur by expansion of development efforts, e.g., fund-raising efforts for Fellowships are in the planning state, and by securing transparent funding for graduate education from internal resources.

Can this proposal be funded via fees levied on users of the service or via the ordinary capital budgeting process of the organization?

No. The best graduate students in the sciences are at a premium. It takes approximately six years to complete a Ph.D., and to recruit the best and brightest graduate students in the sciences, a student must receive a competitive offer that covers a stipend, fees/tuition, and benefits, such as health care.

All of UCSF's competitors - Harvard, Stanford, Yale, Caltech, Columbia, Cornell, MIT, Rockefeller, Sloan-Kettering - also pay the students' tuition/fees in their entirety, as we do, but they have more income, and routinely charge less for students after they have qualified (~ end of 2nd year).

Levying more fees on graduate students will place UCSF at a competitive disadvantage and these students will accept offers at other institutions. The increased levy of fees by the State is the primary cause of the current problem.

What is the local significance of this project?

UCSF is the 2nd largest employer in San Francisco, with a workforce of approximately 22,000 employees and more than 4,000 students. This project will allow UCSF to maintain and attract researchers, who leverage public and private funds that result in jobs for individuals in the area.

Additionally, Northern California is the largest cluster of life sciences companies in the United States with over 1,377 companies with over 100,000 employees. There are 95 publicly traded companies. The industry created 6,000 new jobs in the past 12 months. The basic research and development for many of the products that are produced by these companies and some of the researchers who eventually work at these companies all start at UCSF.

Without a continual "pipeline" of young researchers who work in laboratories to develop these products, the life sciences industry in California is threatened and companies will eventually relocated their research and development facilities somewhere else.

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How many residents of the 12th CD will benefit from this project? (i.e. jobs created, services rendered to, how many people, etc.)

Exact figures are difficult to estimate; however, as stated above, UCSF is the 2nd largest employer in San Francisco, with a workforce of approximately 22,000 employees and more than 4,000 students. This project will allow UCSF to maintain and attract researchers, who leverage public and private funds that result in jobs for individuals in the area.

Additionally, in a recent study of the economic impact of UCSF, the Sedway Group noted that UCSF generated net positive revenues of \$1.7 million to the City and County of San Francisco in 2000/2001 and UCSF indirect “multiplier” effect on the San Francisco Bay Area economy was valued at approximately \$1.8 billion for that same period.

Please explain the federal interest in this proposal (i.e. meets a stated objective of federal policy, supports a federal agency, is the result of a federal law/mandate, etc.)

According to the Obama Administration, “In the past, government funding for scientific research has yielded innovations that have improved the landscape of American life — technologies like the Internet, digital photography, bar codes, Global Positioning System technology, laser surgery, and chemotherapy. At one time, educational competition with the Soviets fostered the creativity that put a man on the moon. Today, we face a new set of challenges, including energy security, HIV/AIDS, and climate change. Yet, the United States is losing its scientific dominance. Among industrialized nations, our country's scores on international science and math tests rank in the bottom third and bottom fifth, respectively. Over the last three decades, federal funding for the physical, mathematical, and engineering sciences has declined at a time when other countries are substantially increasing their own research budgets. President Obama and Vice President Biden believe federally funded scientific research should play an important role in advancing science and technology in the classroom and in the lab.”

UCSF is one of the world's leading biomedical research institutions, producing a steady stream of scientific knowledge and clinical achievements. The creation of new knowledge and making such knowledge available in the world of health care (through education and technology transfer) are at the core of the University's mission.

Providing funds to will enable UCSF to maintain our class sizes in basic science programs, and even grow in emerging scientific disciplines such as Bioengineering, Informatics and Drug Design; Developmental and Stem Cell Biology and Chemistry and Chemical Biology.

List any other organizations or state/local elected officials who have expressed support for the project in writing. *(Please submit copies of support letters along with the request form.)*

- The Honorable Jerry Hill (D-South San Francisco), Chairman
Assembly Select Committee on Biotechnology
- California Healthcare Institute (CHI)
- San Francisco Chamber of Commerce
- Baybio

Does the organization have any other funding requests for this project?
(Federal, State, Local or private request pending?)

None

Has the organization previously received Federal funds for this project?

None

Has the individual and/or organization submitted the project request to other Member offices? If so, please identify below the names of the Members of Congress and staff persons.

Rep. Nancy Pelosi (D-San Francisco), Speaker of the U.S. House of Representatives

- Scott Boule, Appropriations staff

Please attach a list of your organization's staff and board members from 2005 – 2010.

UC Board of Regents

Appointed Regents:

Jesse Bernal

Student Regent July 1, 2009 - June 30, 2010; B.A., Westmont College, Santa Barbara; graduate student, Gevirtz School of Education, University of California, Santa Barbara.

Richard C. Blum

Appointed March 12, 2002 to a term expiring March 1, 2014 (by Davis); B.A., University of California, Berkeley; M.B.A, University of California, Berkeley; Chairman of Blum Capital Partners, L.P.; Co-Chairman of Newbridge Capital, LLC.

William De La Peña, M.D.

Appointed August 18, 2006 to a term expiring March 1, 2018 (by Schwarzenegger); Ophthalmologist and medical director of the De La Pena Eye Clinic; B.S., American School Foundation; M.D., Autonomous University of Guadalajara.

Russell Gould

Appointed September 13, 2005 to a term expiring March 1, 2017 (by Schwarzenegger); B.A., University of California, Berkeley; Senior Vice President for Wachovia Bank. Mr. Gould is Vice Chairman of The Regents. Mr. Gould is the current Chairman of the Board.

Eddie Island

Appointed June 6, 2005 to a term expiring March 1, 2017 (by Schwarzenegger); retired attorney and executive; J.D., Harvard Law School.

Odessa Johnson

Appointed May 4, 1999 to a term expiring March 1, 2000 (by Davis); reappointed March 1, 2000 to a term expiring 2012; Dean Emerita of Community Education, Modesto Junior College; B.A., Tennessee State University; M.A., Columbia University.

George Kieffer

Appointed May 4, 2009 (by Schwarzenegger) to term expiring March 1, 2021; Partner and member of the Executive Committee of the national law firm of Manatt, Phelps & Phillips, LLP; Bachelor's degree, University of California, Santa Barbara; J.D. degree from UCLA.

Joanne Kozberg

Appointed July 13, 1998 to term expiring March 1, 2010 (by Wilson); B.A., University of California, Berkeley; M.A. Occidental College; Served as Secretary of the California State and Consumer Services Agency under former Governor Pete Wilson; partner in California Strategies, a public affairs consulting firm.

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Sherry L. Lansing

Appointed March 11, 1999 to a term expiring March 1, 2010 (by Davis); Founder of the Sherry Lansing Foundation and former Chair and CEO of Paramount Pictures' Motion Picture Group; B.S., Northwestern University. Ms. Lansing is the current Vice Chair of the Board.

Monica Lozano

Appointed September 21, 2001 to term expiring March 1, 2013 (by Davis); Publisher and Chief Executive Officer of La Opinión Newspaper

Hadi Makarechian

Appointed October 24, 2008 to term expiring March 1, 2020 (by Schwarzenegger); B.S. (Civil Engineering), B.A. (Economics), State University of New York; Chairman of Makar Properties Board of Directors and Banning Lewis Ranch Management Company Board of Directors.

George M. Marcus

Appointed December 21, 2000 to term expiring March 1, 2012 (by Davis); B.A. (Economics), San Francisco State University; founder and Chairman of Marcus & Millichap; Chairman, Essex Property Trust.

Norman J. Pattiz

Appointed September 21, 2001 to a term expiring March 1, 2004 (by Davis); appointed September 4, 2003 to a term expiring March 1, 2014 (by Davis); Founder and Chairman of the Board of Westwood One.

Bonnie Reiss

Appointed March 27, 2008 to a term expiring March 1, 2020 (by Schwarzenegger); Operating Advisor to Pegasus Capital Advisors; BBA, University of Miami; J.D., Antioch Law School.

Frederick Ruiz

Appointed July 2, 2004 to a term expiring March 1, 2016 (by Schwarzenegger); Co-founder and Chairman, Ruiz Foods.

Leslie Tang Schilling

Appointed September 13, 2005 to a term expiring March 1, 2013 (by Schwarzenegger); B.A., University of California, Berkeley; M.A., American Graduate School of International Management; Director of Union Square Investments, Inc.

Bruce D. Varner

Appointed August 18, 2006 to a term expiring March 1, 2018 (by Schwarzenegger); Partner in the law firm Varner & Brandt; B.A., University of California, Santa Barbara; J.D., Hastings Law School.

Paul Wachter

Appointed July 2, 2004 (by Schwarzenegger) to a term expiring March 1, 2016; Wharton School, University of Pennsylvania; J.D., Columbia School of Law; Founder, President and CEO, Main Street Advisors.

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Charlene Zettel

Appointed May 4, 2009 to term expiring March 1, 2021 (by Schwarzenegger); Board member, San Diego Regional Airport Authority; B.S., University of Southern California.

Ex Officio Regents

Arnold Schwarzenegger

Governor of California and ex-officio Regent, November 17, 2003-present.

Karen Bass

Speaker of the Assembly and ex officio Regent, effective May 13, 2008 - present; Assemblymember from the 47th district since 2005; B.A. degree in health sciences from California State University, Dominguez Hills.

Jack O'Connell

State Superintendent of Public Instruction and ex officio Regent, 2003 - present; served in the State Assembly from 1982 to 1994 representing the 35th district; elected to the State Senate in 1994, representing the State's 18th Senate district; bachelor's degree, California State University, Fullerton; Secondary Teaching Credential, CSU Long Beach.

Mark G. Yudof

President of the University and ex officio Regent, effective June 16, 2008; B.A., University of Pennsylvania; LL.B, Law School, University of Pennsylvania.

Ronald W. Stovitz

Regent, July 1, 2009 - June 30, 2010, and President, Alumni Associations of the University of California; B.A., University of California, Riverside; J.D., University of Southern California, School of Law.

Yolanda Nunn Gorman

Regent, July 1, 2009 - June 30, 2010 and Vice President, Alumni Associations of the University of California; B.A., University of California, Los Angeles; M.B.A, University of California, Los Angeles; Ph.D., University of California, Los Angeles.

Regents-Designate

Jesse Cheng

Student Regent-designate, July 15, 2009 - June 30, 2010; Undergraduate student majoring in Asian American studies at UC Irvine.

Rex Hime

Regent-designate, July 1, 2009 - June 30, 2010, and Secretary, Alumni Associations of the University of California; B.A., University of California, Davis; J.D., University of California, Davis.

Darek DeFreece

Regent-designate, July 1, 2009 - June 30, 2010 and Treasurer, Alumni Associations of the University of California; B.A., University of California, Berkeley; J.D., Boston College Law School.

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Please attach any additional relevant materials.

Sources of Support for UCSF Ph.D. Student Stipend and Fees

For examples of applications submitted last year, please review information at <http://www.speier.house.gov> under the section "12th District". Please note that some questions in the application may have changed from last year's form. The agency and/or policy area preferences of last year's panel are not binding for this year.

Support for UCSF Ph.D. Student Stipends and Fees

| Sources of Support | 2004-05 | | 2005-06 | | 2006-07 | | 2007-08 | | 2008-09 | | 2009-10 | |
|--|----------|--------------|----------|--------------|----------|--------------|----------|--------------|----------|--------------|----------|--------------|
| | % | \$ | % | \$ | % | \$ | % | \$ | % | \$ | % | \$ |
| Graduate Division Support | 12.63% | \$3,003,673 | 12.61% | \$3,345,051 | 11.53% | \$3,347,703 | 12.00% | \$3,591,051 | 15.82% | \$4,672,345 | 14.77% | \$4,271,479 |
| Block Grant + Merit Awards | | | | | | | | | | | | |
| Central Campus Support | 0.00% | \$0 | 0.00% | \$0 | 0.00% | \$0 | 0.17% | \$50,504 | 0.83% | \$244,282 | 0.72% | \$207,207 |
| Need Based Grants | | | | | | | | | | | | |
| Extramural Fellowships and Individual NRSAs | 18.56% | \$4,413,655 | 18.75% | \$4,975,137 | 17.64% | \$5,122,517 | 18.81% | \$5,630,562 | 17.98% | \$5,308,888 | 18.77% | \$5,429,263 |
| Graduate Student Researcher from P.I. grants & contracts | 32.89% | \$7,821,412 | 31.85% | \$8,448,552 | 33.28% | \$9,662,584 | 33.02% | \$9,882,288 | 32.56% | \$9,614,317 | 36.06% | \$10,427,458 |
| Training grants-Institutional | 22.20% | \$5,279,044 | 18.76% | \$4,977,215 | 15.46% | \$4,489,103 | 15.17% | \$4,541,147 | 15.04% | \$4,440,509 | 17.23% | \$4,982,870 |
| Endowment and Gifts | 10.21% | \$2,428,154 | 9.87% | \$2,619,204 | 13.61% | \$3,950,978 | 10.90% | \$3,261,123 | 8.17% | \$2,411,739 | 6.38% | \$1,846,284 |
| Program based | | | | | | | | | | | | |
| School Funds | * 3.50% | \$632,796 | * 4.39% | \$1,163,409 | 3.51% | \$1,019,575 | 3.48% | \$1,042,624 | 3.92% | \$1,158,206 | 0.95% | \$273,749 |
| Other (Discretionary, HHMI, Inst. Allows) | - | - | - | - | 1.52% | \$441,092 | 3.11% | \$931,859 | 3.99% | \$1,177,816 | 3.39% | \$979,848 |
| Chancellor's Fund Temporary | 0.00% | \$0 | 3.77% | \$1,000,000 | 3.44% | \$1,000,000 | 3.34% | \$1,000,000 | 1.69% | \$500,000 | 1.73% | \$500,000 |
| TOTAL | 100% | \$23,778,734 | 100% | \$26,528,568 | 100% | \$29,033,552 | 100% | \$29,931,158 | 100% | \$29,528,103 | 100% | \$28,918,158 |
| Fall enrollment | 807 | | 852 | | 851 | | 868 | | 851 | | 852 | |
| Support per Capita | \$29,466 | | \$31,137 | | \$34,117 | | \$34,483 | | \$34,698 | | \$33,942 | |

* Includes HHMI faculty grant funds

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(650) 349-1900
FAX (650) 341-4676

Assembly California Legislature



JERRY HILL
ASSEMBLYMEMBER, NINETEENTH DISTRICT

COMMITTEES
BUDGET
CHAIR, BUDGET SUBCOMMITTEE
NO.1 ON HEALTH AND
HUMAN SERVICES
GOVERNMENTAL ORGANIZATION
NATURAL RESOURCES
PUBLIC SAFETY
SELECT COMMITTEE ON
RENEWABLE ENERGY
CHAIR, SELECT COMMITTEE ON
BIOTECHNOLOGY

February 11, 2010

The Honorable Jackie Speier
United States House of Representatives
400 South El Camino Real, Suite 410
San Mateo, California 94402

Dear Congresswoman Speier:

I am writing to support the University of California, San Francisco's (UCSF) request for \$2.5 million for the UCSF Graduate Student Research Fellowships.

As Chairman of the Assembly Select Committee on Biotechnology, I am well aware of the prominent role UCSF plays in the life sciences industry. I support the university's efforts to attract and retain the best and brightest graduate students in the sciences and understand the need for UCSF to make competitive offers that cover a stipend, fees and benefits.

I am also aware that if UCSF is not able to continue to attract the best and brightest to the Bay Area, these students will continue their careers at institutions in other parts of the country - Harvard, Yale, Columbia, MIT, Sloan-Kettering - and threaten the research and development infrastructure in Northern California that has spawned a robust and thriving life sciences industry, which contributes millions of dollars to the local economy.

Unless increasing costs are addressed, graduate programs in emerging scientific disciplines such as stem cell biology, informatics, and bioengineering will not grow.

At a time when UCSF and California should be leading our nation in scientific advances, we have had to step away from the challenge of leading health science discovery and advancing health worldwide. With fewer students, UCSF and California lose our attractiveness in recruiting students, which leads to recruiting fewer of the best faculty, which endangers our NIH training grants which go to the best programs. Overall, we become less competitive.

Therefore, I reiterate my support for UCSF's request for \$2.5 million for the UCSF Graduate Student Research Fellowships.

Thank you for your time and consideration.

Sincerely,

Jerry Hill
Assemblymember, 19th District





February 12, 2010

The Honorable Jackie Speier
United States House of Representatives
211 Cannon House Office Building
Washington, D.C., 20515

Dear Congresswoman Speier:

On behalf of the over 1500 members of the San Francisco Chamber of Commerce, I am writing to support the University of California, San Francisco's (UCSF) request for \$2.5 million for the UCSF Graduate Student Research Fellowships.

We are aware of the prominent role UCSF plays not only in San Francisco, but also in the life sciences industry. We support the university's efforts to attract and retain the best and brightest graduate students in the sciences and understand the need for UCSF to make competitive offers that cover a stipend, fees and benefits.

San Francisco is the birthplace of the contemporary biotech industry. The Bay Area hosts one of the world's top-tier life sciences clusters, including major research universities, medical schools – as well as major private and public research centers. As a result of this unique concentration, more bioscience companies are located in Northern California than anywhere else in the world and an average of 30 more are founded each year. The Bay Area houses 1,377 life science companies, directly employing more than 90,000 people; direct and indirect employment together amounts to 250,000.

San Francisco's legendary quality of life, cultural landscape and network of leading research institutions continue to attract the talented and educated workforce that drives successful life science business. A large part of San Francisco's success is due to UCSF, which ranked second nationally – and first in California – in total funding from the National Institutes of Health (NIH).

If UCSF is not able to continue to attract the best and brightest to the Bay Area, these students will continue their careers at institutions in other parts of the country and threaten the research and development infrastructure in Northern California that has spawned a robust and thriving life sciences industry, which contributes millions of dollars to the local economy.

The San Francisco Chamber of Commerce respectfully requests your support for UCSF's application for \$2.5 million for the UCSF Graduate Student Research Fellowships.

Thank you for your time and consideration.

Sincerely,

Jim Lazarus
Sr. Vice President



February 12, 2010

The Honorable Jackie Speier
United States House of Representatives
211 Cannon House Office Building
Washington, D.C., 20515

Dear Representative Speier:

On behalf of the California Healthcare Institute (CHI), which represents our state's world leading biomedical research and development community, I am writing to support the University of California, San Francisco's (UCSF) request for \$2.5 million for the UCSF Graduate Student Research Fellowships.

CHI is well aware of the prominent role UCSF plays in the life sciences industry, a sector that employs nearly 275,000 people in the state advancing biomedical science and developing new treatments and technologies to improve patient and public health. We support the university's efforts to attract and retain the best and brightest graduate students in the sciences and understand the need for UCSF to make competitive offers that cover a stipend, fees and benefits.

California is the world headquarters for biomedical research, development and innovation. The state is home to the largest concentration of biomedical companies in the world and one in six of the 1.6 million biomedical jobs nationwide. Its companies, universities and research institutes are dedicated to delivering biomedical innovation in the greatest areas of unmet medical need.

Additionally, California remains a magnet for grants from the National Institutes of Health (NIH). In 2008, California received NIH grants worth more than \$3.15 billion. The Golden State's share was approximately 40 percent more than that of Massachusetts, the next highest recipient. A large part of California's success is due to UCSF, which ranked second nationally - and first in California - in total funding from the National Institutes of Health (NIH).

If UCSF is not able to continue to attract the best and brightest to the Bay Area, these students will continue their careers at institutions in other parts of the country - Harvard, Yale, Columbia, MIT, Sloan-Kettering - and threaten the research and development infrastructure in Northern California and statewide that has spawned a robust and thriving life sciences industry, which contributes millions of dollars to the local economy and is saving and improving the lives of millions of people around the world.

Therefore, I reiterate my support for UCSF's request for \$2.5 million for the UCSF Graduate Student Research Fellowships.

Thank you for your consideration.

Sincerely,

A handwritten signature in black ink that reads "David Gollaher".

David L. Gollaher, PhD
President and CEO

February 12, 2010

The Honorable Jackie Speier
United States House of Representatives
211 Cannon House Office Building
Washington, D.C., 20515

Dear Congresswoman Speier:

I am writing to support the University of California, San Francisco's (UCSF) request for \$2.5 million for the UCSF Graduate Student Research Fellowships.

As the trade association serving the life sciences industry in Northern California, BayBio is well aware of the prominent role UCSF plays in the life sciences industry, we support the university's efforts to attract and retain the best and brightest graduate students in the sciences and understand the need for UCSF to make competitive offers that cover a stipend, fees and benefits.

Northern California is the largest cluster of life sciences companies in the United States with over 1,377 companies with over 100,000 employees and the industry created 6,000 new jobs in the past 12 months.

Additionally, California remains a magnet for grants from the National Institutes of Health (NIH). In 2008, California received NIH grants worth more than \$3.15 billion. The Golden State's share was approximately 40 percent more than that of Massachusetts, the next highest recipient. A large part of California's success is due to UCSF, which UCSF ranked second nationally – and first in California – in total funding from the National Institutes of Health (NIH).

If UCSF is not able to continue to attract the best and brightest to the Bay Area, these students will continue their careers at institutions in other parts of the country - Harvard, Yale, Columbia, MIT, Sloan-Kettering - and threaten the research and development infrastructure in Northern California that has spawned a robust and thriving life sciences industry, which contributes millions of dollars to the local economy.

Therefore, I reiterate my support for UCSF's request for \$2.5 million for the UCSF Graduate Student Research Fellowships.

Thank you for your time and consideration.

Sincerely,



Gail Maderis
President & CEO